

AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** An image transmission system comprising:
- a plurality of image generating apparatuses, each of which is operable to generate an image;
- and
- an image projecting apparatus operable to project the plurality of images transmitted from said image generating apparatus through a multimode, in which the plurality of images are simultaneously projected onto a projection screen divided into a plurality of segments,
- wherein each image generating apparatus includes:
- an image generating unit operable to generate an image;
- a transmission image adjustment unit operable to perform image adjustment on one of an image transmission and an image projection by said image projecting apparatus; and
- a transmission unit operable to transmit the adjusted image to said image projecting apparatus, and
- said image projecting apparatus includes:
- a receiving unit operable to receive the image transmitted from said image generating apparatus;
- an output image adjustment unit operable to judge a content of the adjustment performed on the received image, and then to perform readjustment on the image based on the judgment; and
- a projecting unit operable to project the readjusted image,
- said transmission image adjustment unit is operable to perform image adjustment that corresponds to one of the multimode and a full-screen mode for projecting an image onto an entire area of the projection screen of said image projecting apparatus, and
- said output image adjustment unit is operable to specify a mode of the projected images, to perform readjustment by prioritizing the images on which readjustment is performed currently, and not to perform readjustment on the images in other image generating apparatuses received later by said receiving unit, in the case where the current readjustment being performed corresponds to the full-screen mode, and to perform readjustment by prioritizing the images in the other image generating apparatuses received later by said receiving unit, in the case where the current

readjustment being performed corresponds to the multimode mode.

2. **(Canceled)**

3. **(Previously Presented)** The image transmission system according to Claim 1,
wherein said output image adjustment unit is operable to change from the multimode to the full-screen mode, and then to perform readjustment on the image, in the case where an image readjusted in the multimode is changed from a status in which the adjustment corresponding to the multimode is performed to a status in which the adjustment corresponding to the full-screen mode is performed.

4. **(Previously Presented)** The image transmission system according to Claim 1,
wherein said output image adjustment unit is operable to change from the full-screen mode to the multimode, and then to perform readjustment on the image, in the case where the image readjusted in the full-screen mode is changed from a status in which the adjustment corresponding to the full-screen mode is performed to a status in which the adjustment corresponding to the multimode is performed.

5-6. **(Canceled)**

7. **(Original)** The image transmission system according to Claim 1,
wherein said output image adjustment unit is operable to perform readjustment on the received image using an index mode for projecting simultaneously the plurality of images onto the projection screen by dividing the projection screen into a main area and a plurality of sub-areas.

8. **(Original)** The image transmission system according to Claim 7,
wherein said image projecting apparatus further includes:
a selection acceptance unit operable to accept a selection of an image out of the plurality of images respectively projected onto the plurality of sub-areas, and

said output image adjustment unit is operable to perform readjustment the selected image, and then to project the selected image onto the main area.

9. **(Previously Presented)** The image transmission system according to Claim 1, wherein said image generating apparatus further includes:

a separation unit operable to separate layers composing the image into layer to be transmitted to said image projecting apparatus and layer not to be transmitted,

wherein said transmission image adjustment unit is operable to perform image adjustment on the separated layer to be transmitted for one of a layer transmission and a projection by said image projecting apparatus,

said transmission unit is operable to transmit the adjusted layers to said image projecting apparatus,

said receiving unit is operable to receive the layer transmitted from said image generating apparatus,

said output image adjustment unit is operable to judge the content of the adjustment performed on the received layer, and then to perform readjustment on the layers based on the judgment, and

said projecting unit is operable to project the readjusted layers.

10. **(Original)** The image transmission system according to Claim 1,

wherein said transmission image adjustment unit is operable to add information, to the image, which specify a position on the projection screen of said image projecting apparatus, and

said output image adjustment unit is operable to judge the specified position, and to place the image on the position on the projection screen.

11. **(Original)** The image transmission system according to Claim 10,

wherein said transmission image adjustment unit is operable to perform image adjustment on the image so as to fit to the size on the projection screen of said image projecting apparatus.

12. **(Original)** The image transmission system according to Claim 1,
 wherein said transmission image adjustment unit is operable to perform an adjustment of a resolution for the image.
13. **(Original)** The image transmission system according to Claim 12,
 wherein said transmission image adjustment unit is operable to obtain beforehand information on a resolution that said image projecting apparatus is able to support, and to perform adjustment on the resolution of the image based on the resolution information.
14. **(Original)** The image transmission system according to Claim 12,
 wherein said output image adjustment unit is operable to perform readjustment on the resolution of the received image, in the case where the resolution adjusted by said transmission image adjustment unit does not match the resolution that said image projecting apparatus is able to support.
15. **(Original)** The image transmission system according to Claim 1,
 wherein said transmission image adjustment unit is operable to set an area, in the image, to be transmitted to said image projecting apparatus.
16. **(Original)** The image transmission system according to Claim 15,
 wherein said transmission image adjustment unit is operable to set a layer, as the area, which is located at a frontmost position in the display of said image generating apparatus out of the layers composing the image.
17. **(Original)** The image transmission system according to Claim 15,
 wherein said transmission image adjustment unit is operable to set an area, as the area, specified by a user in the image.
18. **(Original)** The image transmission system according to Claim 1,

wherein said transmission image adjustment unit is operable to perform image adjustment on a compression degree of the image, to compress the image and to add information related to the compression to the compressed image, and

said output image adjustment unit is operable to judge the information related to the compression and to decompress the received image.

19. **(Original)** The image transmission system according to Claim 1,

wherein said transmission image adjustment unit is operable to set an authorization related to an occupancy on the projection screen of said image projecting apparatus, and to add the information related to the authorization to the image, and

said output image adjustment unit is operable to judge whether or not the received image is allowed to be projected based on the information related to the authorization.

20. **(Original)** The image transmission system according to Claim 1,

wherein said transmission image adjustment unit is operable to predict a display image to be projected on said image projecting apparatus, and to correct the image based on the prediction.

21. **(Original)** The image transmission system according to Claim 1 further comprising a remote controller operable to operate said image projecting apparatus,
said remote controller includes:

an operation input unit operable to accept an operation of said image projecting apparatus by a user; and

an emulation mode setting unit operable to virtually set an input by said operation input unit to an input mode by an input unit of said image generating apparatus, and

said image projecting apparatus includes:

a remote controller code receiving unit operable to obtain an operation signal inputted in said operation input unit; and

a signal transmission unit operable to transmit the obtained operation signal to said image generating apparatus,

said image generating apparatus includes:
a signal receiving unit operable to receive the operation signal; and
a key emulation unit operable to convert the received operation signal into an input by the input unit of said image generating apparatus.

22. **(Currently Amended)** An image transmission method for transmitting a plurality of images from a plurality of image generating apparatuses, each of which generates an image, to an image projecting apparatus which projects the images through a multimode, in which the plurality of images are simultaneously projected onto a projection screen divided into a plurality of segments, the method comprising the following steps executed by the image generating apparatus:
an image generating step of generating an image;
a transmission image adjustment step of performing adjustment on the image related to an image transmission and an image projection by the image projecting apparatus; and
a transmission step of transmitting the adjusted image to the image projecting apparatus, and
the method comprising the following steps executed by the image projecting apparatus:
a receiving step of receiving the image transmitted from the image generating apparatus;
an output image adjustment step of judging a content of the adjustment performed on the received image, and performing readjustment on the image based on the judgment; and
a projecting step of projecting the readjusted image,
wherein, in the transmission image adjustment step, image adjustment is performed, the image adjustment corresponding to one of the multimode and a full-screen mode for projecting an image onto an entire area of the projection screen of the image projecting apparatus, and
in the output image adjustment step, a mode of the projected images is specified, readjustment is performed by prioritizing the images on which readjustment is performed currently, ~~and readjustment is not performed on the images in other image generating apparatus received later~~ in the receiving step by the receiving unit, in the case where the current readjustment being performed corresponds to the full-screen mode, and readjustment is performed by prioritizing the images in the other image generating apparatuses received later by the receiving step, in the case

where the current readjustment being performed corresponds to the multimode.

23-24. (Canceled)

25. **(Currently Amended)** An image projecting apparatus in an image transmission system which includes a plurality of image generating apparatuses, each of which generates an image, and an image projecting apparatus which projects the plurality of images transmitted from said image generating apparatus through a multimode, in which the plurality of images are simultaneously projected onto a projection screen divided into a plurality of segments, said image projecting apparatus comprising:

a receiving unit operable to receive the image transmitted from said image generating apparatus;

an output image adjustment unit operable to judge a content of the adjustment performed on the received image, and then to perform readjustment on the image based on the judgment; and

a projecting unit operable to project the readjusted image,

wherein said output image adjustment unit is operable to specify a mode of the projected images, to perform readjustment by prioritizing the images on which readjustment is performed currently, and not to perform readjustment on the images in other image generating apparatuses received later by said receiving unit, in the case where the current readjustment being performed corresponds to a full-screen mode for projecting an image onto an entire area of the projection screen of said image projecting apparatus, and to perform readjustment by prioritizing the images in the other image generating apparatuses received later by said receiving unit, in the case where the current readjustment being performed corresponds to the multimode~~apparatus.~~

26. **(Currently Amended)** ~~A program stored on a computer-readable~~ storage medium which stores a program for an image projecting apparatus in an image transmission system which includes a plurality of image generating apparatuses, each of which generates an image, and an image projecting apparatus which projects the plurality of images transmitted from said image generating apparatus through a multimode, in which the plurality of images are simultaneously

projected onto a projection screen divided into a plurality of segments, ~~said program causing a computer to execute:~~

wherein the program causes a computer to execute:

a receiving step of receiving the image transmitted from said image generating apparatus;

an output image adjustment step of judging a content of the adjustment performed on the received image, and then to perform readjustment on the image based on the judgment; and

a projecting step of projecting the readjusted image,

wherein, in said output image adjustment step, a mode of the projected images is specified, readjustment is performed by prioritizing the images on which readjustment is performed currently, ~~and readjustment is not performed on the images in other image generating apparatuses received later-~~ in the receiving step by said receiving unit, in the case where the current readjustment being performed corresponds to a full-screen mode for projecting an image onto an entire area of the projection screen of the image projecting apparatuses, and readjustment is performed by prioritizing the images in the other image generating apparatuses received later by the receiving step, in the case where the current readjustment being performed corresponds to the multimode apparatus.